

# PATENTING BY ORGANIZATIONS

2008



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*A PATENT TECHNOLOGY MONITORING TEAM REPORT*

## Patenting By Organizations 2008

This report, prepared from the Technology Assessment and Forecast (TAF) database, profiles utility patents (i.e., patents for inventions) granted during **calendar year 2008**.

### **Part A1**

**Part A1** presents patent counts by origin, U.S. and foreign. Individual counts are also presented for each of the top 36 patenting countries. Patent origin is determined by the residence of the first-named inventor listed on a patent.

Patent ownership-category information reflects ownership at the time of patent grant and does not reflect subsequent changes in ownership. If more than one assignee (the entity, if any, to which the patent rights have been legally assigned) was declared at the time of grant, a patent is attributed to the ownership-category of the first-named assignee. The "U.S. Corporations" and "Foreign Corporations" ownership categories count predominantly corporate patents; however, patents assigned to other organizations such as small businesses, nonprofit organizations, universities, etc. are also included in these categories. While the "U.S. Government" ownership category includes only patents granted to the Federal Government, no such distinction is made for the "Foreign Government" ownership category. The "U.S. Individuals" and "Foreign Individuals" ownership categories include patents for which ownership was assigned to an individual as well as patents for which no assignment of ownership was made at the time of grant.

### **Part B1**

**Part B1** presents organizations that received 40 or more patents during the calendar year. Organizations are ranked based on their patent count. **Please note that because of the large number of organizations appearing in this report, the minimum number of annual patents received by a listed organization was raised from 30, for the 1997 report, to 40 for the 1998 and subsequent reports.**

Patent information included in **Part B1** of the report reflects patent ownership at the time of patent grant and does not reflect changes in ownership which may occur after the patent grant. Where more than one assignee exists, patents are attributed to the first-named assignee.

**No attempt has been made to combine data based on subsidiary relationships. However, where possible, spelling variations and variations based on name changes (e.g., ESSO to EXXON) have been merged into a single name. While every effort is made to accurately identify all organizational entities and report data by a single organizational name, achievement of a totally clean record is not expected, particularly in view of the many variations which may occur in corporate identifications.**

## **Patenting By The U.S. Government 2008**

In **calendar year 2008**, the U.S. Government received 676 utility patents.

Under the section labeled "Ownership", **Part A1** presents the total count of patents received by the U.S. Government during the calendar year. Each of the separate U.S. Government agencies receiving 40 or more patents during the calendar year is listed in **Part B1**.

**Part A1**

**(Patent Grants as Distributed By Year of Patent Grant)**

Number of Utility Patents Granted By Year Of Patent Grant  
 (Granted: Jan 01, 2008 - Dec 31, 2008)

<u>COUNTRY OF ORIGIN</u>	<u>2008</u>	<u>Total</u>
Total	157772	157772
U.S. Origin	77501	77501
Foreign Origin	80271	80271
JAPAN	33682	33682
GERMANY	8915	8915
KOREA, SOUTH	7549	7549
TAIWAN	6339	6339
CANADA	3393	3393
FRANCE	3163	3163
UNITED KINGDOM	3094	3094
ITALY	1357	1357
NETHERLANDS	1329	1329
AUSTRALIA	1292	1292
CHINA, PEOPLE'S REPUB	1225	1225
ISRAEL	1166	1166
SWITZERLAND	1112	1112
SWEDEN	1060	1060
FINLAND	824	824
INDIA	634	634
BELGIUM	510	510
AUSTRIA	463	463
SINGAPORE	399	399
DENMARK	391	391
CHINA, HONG KONG S.A.R	311	311
SPAIN	303	303
NORWAY	273	273
RUSSIAN FEDERATION	176	176
IRELAND	164	164
MALAYSIA	152	152
NEW ZEALAND	105	105
BRAZIL	101	101
SOUTH AFRICA	91	91
HUNGARY	66	66
MEXICO	54	54
POLAND	54	54
CZECH REPUBLIC	48	48
ARGENTINA	32	32
SAUDI ARABIA	30	30
ICELAND	26	26
Others ( 68 )	388	388
Ownership:		
U.S. Corporations	69962	69962
U.S. Government	676	676
U.S. Individuals	9021	9021
Foreign Corporations	74465	74465
Foreign Government	33	33
Foreign Individuals	3615	3615

Percent of Utility Patents Granted By Year Of Patent Grant  
 (Granted: Jan 01, 2008 - Dec 31, 2008)

<u>COUNTRY OF ORIGIN</u>	<u>2008</u>	<u>Total</u>
Total	100	100
U.S. Origin	49	49
Foreign Origin	51	51
JAPAN	21	21
GERMANY	6	6
KOREA, SOUTH	5	5
TAIWAN	4	4
CANADA	2	2
FRANCE	2	2
UNITED KINGDOM	2	2
ITALY	1	1
NETHERLANDS	1	1
AUSTRALIA	1	1
CHINA, PEOPLE'S REPUB	1	1
ISRAEL	1	1
SWITZERLAND	1	1
SWEDEN	1	1
FINLAND	1	1
INDIA		0
BELGIUM		0
AUSTRIA		0
SINGAPORE		0
DENMARK		0
CHINA,HONG KONG S.A.R		0
SPAIN		0
NORWAY		0
RUSSIAN FEDERATION		0
IRELAND		0
MALAYSIA		0
NEW ZEALAND		0
BRAZIL		0
SOUTH AFRICA		0
HUNGARY		0
MEXICO		0
POLAND		0
CZECH REPUBLIC		0
ARGENTINA		0
SAUDI ARABIA		0
ICELAND		0
Others ( 68 )		0
Ownership:		
U.S. Corporations	44	44
U.S. Government		0
U.S. Individuals	6	6
Foreign Corporations	47	47
Foreign Government		0
Foreign Individuals	2	2

**Part B1**

**(Ranked Listing of Organizations with  
Patent Grants Distributed By Year of Patent Grant)**

Organizational Patenting (Granted: Jan 01, 2008 - Dec 31, 2008)  
Ranked List of Organizations with 40 or More Utility Patents Received in CY2008

<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
INTERNATIONAL BUSINESS MACHINES CORPORATION Patents By Year of Grant:	4169	4169
SAMSUNG ELECTRONICS CO., LTD. Patents By Year of Grant:	3502	3502
CANON KABUSHIKI KAISHA Patents By Year of Grant:	2107	2107
MICROSOFT CORPORATION Patents By Year of Grant:	2026	2026
INTEL CORPORATION Patents By Year of Grant:	1772	1772
TOSHIBA CORPORATION Patents By Year of Grant:	1575	1575
FUJITSU LIMITED Patents By Year of Grant:	1475	1475
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. Patents By Year of Grant:	1469	1469
SONY CORPORATION Patents By Year of Grant:	1461	1461
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. Patents By Year of Grant:	1422	1422
HITACHI, LTD Patents By Year of Grant:	1301	1301
MICRON TECHNOLOGY, INC. Patents By Year of Grant:	1250	1250
SEIKO EPSON CORPORATION Patents By Year of Grant:	1219	1219
GENERAL ELECTRIC COMPANY Patents By Year of Grant:	911	911
Fujifilm Corporation Patents By Year of Grant:	863	863
RICOH COMPANY, LTD. Patents By Year of Grant:	851	851
INFINEON TECHNOLOGIES AG Patents By Year of Grant:	809	809
LG ELECTRONICS INC. Patents By Year of Grant:	805	805
TEXAS INSTRUMENTS, INCORPORATED Patents By Year of Grant:	755	755
SIEMENS AKTIENGESELLSCHAFT Patents By Year of Grant:	721	721
CISCO TECHNOLOGY, INC. Patents By Year of Grant:	704	704
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.) Patents By Year of Grant:	703	703

Organizational Patenting (Granted: Jan 01, 2008 - Dec 31, 2008)  
Ranked List of Organizations with 40 or More Utility Patents Received in CY2008

<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
DENSO CORPORATION Patents By Year of Grant:	655	655
BROADCOM CORPORATION Patents By Year of Grant:	643	643
HONEYWELL INTERNATIONAL INC. Patents By Year of Grant:	619	619
NOKIA CORPORATION Patents By Year of Grant:	608	608
SILVERBROOK RESEARCH PTY. LTD Patents By Year of Grant:	608	608
SHARP KABUSHIKI KAISHA (SHARP CORPORATION) Patents By Year of Grant:	585	585
XEROX CORPORATION Patents By Year of Grant:	529	529
NEC CORPORATION Patents By Year of Grant:	527	527
SUN MICROSYSTEMS, INC. Patents By Year of Grant:	509	509
RENESAS TECHNOLOGY CORPORATION Patents By Year of Grant:	500	500
HON HAI PRECISION IND. CO., LTD. Patents By Year of Grant:	498	498
KONINKLIJKE PHILIPS ELECTRONICS N.V. Patents By Year of Grant:	483	483
mitsubishi denki kabushiki kaisha Patents By Year of Grant:	481	481
SEMICONDUCTOR ENERGY LABORATORY CO., LTD. Patents By Year of Grant:	468	468
BROTHER KOGYO KABUSHIKI KAISHA Patents By Year of Grant:	462	462
SANYO ELECTRIC CO., LTD. Patents By Year of Grant:	446	446
HYNIX SEMICONDUCTOR INC. Patents By Year of Grant:	435	435
SAMSUNG SDI CO., LTD. Patents By Year of Grant:	432	432
BOEING COMPANY Patents By Year of Grant:	421	421
ROBERT BOSCH GMBH Patents By Year of Grant:	413	413
LUCENT TECHNOLOGIES INC. Patents By Year of Grant:	405	405
3M INNOVATIVE PROPERTIES COMPANY Patents By Year of Grant:	394	394

Organizational Patenting (Granted: Jan 01, 2008 - Dec 31, 2008)  
Ranked List of Organizations with 40 or More Utility Patents Received in CY2008

<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
TOYOTA JIDOSHA K.K. Patents By Year of Grant:	387	387
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD. Patents By Year of Grant:	365	365
MOTOROLA, INC. Patents By Year of Grant:	350	350
FUJI XEROX CO., LTD. Patents By Year of Grant:	332	332
E. I. DU PONT DE NEMOURS AND COMPANY Patents By Year of Grant:	325	325
FREESCALE SEMICONDUCTOR, INC. Patents By Year of Grant:	322	322
TDK CORPORATION Patents By Year of Grant:	322	322
HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V. Patents By Year of Grant:	321	321
EASTMAN KODAK COMPANY Patents By Year of Grant:	320	320
GM Global Technology Operations, Inc. Patents By Year of Grant:	316	316
DELPHI TECHNOLOGIES, INC. Patents By Year of Grant:	311	311
FORD GLOBAL TECHNOLOGIES, L.L.C. Patents By Year of Grant:	289	289
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN Patents By Year of Grant:	286	286
QUALCOMM, INC. Patents By Year of Grant:	286	286
OLYMPUS CORPORATION Patents By Year of Grant:	285	285
APPLIED MATERIALS, INC. Patents By Year of Grant:	274	274
LG Display Co., Ltd. Patents By Year of Grant:	273	273
NORTEL NETWORKS LIMITED Patents By Year of Grant:	272	272
ASML NETHERLANDS B.V. Patents By Year of Grant:	271	271
NEC ELECTRONICS CORPORATION Patents By Year of Grant:	267	267
TELEFONAKTIEBOLAGET LM ERICSSON Patents By Year of Grant:	263	263
AGILENT TECHNOLOGIES, INC. Patents By Year of Grant:	261	261

Organizational Patenting (Granted: Jan 01, 2008 - Dec 31, 2008)  
Ranked List of Organizations with 40 or More Utility Patents Received in CY2008

<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
SCHLUMBERGER TECHNOLOGY CORPORATION Patents By Year of Grant:	259	259
ALTERA CORPORATION Patents By Year of Grant:	257	257
Panasonic Corporation Patents By Year of Grant:	255	255
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE Patents By Year of Grant:	254	254
LG. PHILIPS LCD CO., LTD. Patents By Year of Grant:	250	250
AT&T CORP. Patents By Year of Grant:	248	248
LSI LOGIC CORPORATION Patents By Year of Grant:	248	248
SAP AKTIENGESELLSCHAFT Patents By Year of Grant:	246	246
TOKYO ELECTRON LIMITED Patents By Year of Grant:	245	245
XILINX, INC. Patents By Year of Grant:	243	243
UNIVERSITY OF CALIFORNIA, THE REGENTS OF Patents By Year of Grant:	237	237
OKI ELECTRIC INDUSTRY CO., LTD. Patents By Year of Grant:	232	232
GENENTECH, INC. Patents By Year of Grant:	226	226
UNITED STATES OF AMERICA, NAVY Patents By Year of Grant:	224	224
NISSAN MOTOR COMPANY, LIMITED Patents By Year of Grant:	222	222
HALLIBURTON ENERGY SERVICES, INC. Patents By Year of Grant:	220	220
BASF AKTIENGESELLSCHAFT Patents By Year of Grant:	214	214
SANDISK CORPORATION Patents By Year of Grant:	211	211
LOCKHEED MARTIN CORPORATION Patents By Year of Grant:	208	208
PROCTER + GAMBLE COMPANY Patents By Year of Grant:	208	208
RESEARCH IN MOTION LIMITED Patents By Year of Grant:	205	205
ORACLE INTERNATIONAL CORPORATION Patents By Year of Grant:	201	201

Organizational Patenting (Granted: Jan 01, 2008 - Dec 31, 2008)  
Ranked List of Organizations with 40 or More Utility Patents Received in CY2008

<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
THOMSON LICENSING S.A. Patents By Year of Grant:	201	201
BAKER HUGHES INCORPORATED Patents By Year of Grant:	197	197
Hong Fu Jin Precision Industry (Shenzhen) Co., Ltd. Patents By Year of Grant:	196	196
ADVANCED MICRO DEVICES, INC. Patents By Year of Grant:	194	194
DONGBU ELECTRONICS CO., LTD. Patents By Year of Grant:	194	194
GENERAL MOTORS CORPORATION Patents By Year of Grant:	194	194
YAMAHA CORPORATION Patents By Year of Grant:	193	193
EMC CORPORATION Patents By Year of Grant:	192	192
NXP B.V. Patents By Year of Grant:	192	192
NATIONAL SEMICONDUCTOR CORPORATION Patents By Year of Grant:	191	191
APPLE COMPUTER, INC. Patents By Year of Grant:	185	185
ILLINOIS TOOL WORKS INC. Patents By Year of Grant:	185	185
SEAGATE TECHNOLOGY, LLC Patents By Year of Grant:	185	185
AU OPTRONICS CORP. Patents By Year of Grant:	183	183
AGERE SYSTEMS INC. Patents By Year of Grant:	181	181
MARVELL INTERNATIONAL LTD. Patents By Year of Grant:	179	179
AT& T Intellectual Property, Inc. Patents By Year of Grant:	176	176
BOSTON SCIENTIFIC SCIMED, INC. Patents By Year of Grant:	175	175
NVIDIA CORPORATION Patents By Year of Grant:	175	175
CATERPILLAR INC. Patents By Year of Grant:	172	172
SAMSUNG ELECTRO-MECHANICS CO., LTD. Patents By Year of Grant:	170	170
MONSANTO TECHNOLOGY, LLC Patents By Year of Grant:	169	169

Organizational Patenting (Granted: Jan 01, 2008 - Dec 31, 2008)  
Ranked List of Organizations with 40 or More Utility Patents Received in CY2008

<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
MEDIATEK INC. Patents By Year of Grant:	166	166
YAZAKI CORP. Patents By Year of Grant:	164	164
VIA TECHNOLOGIES, INC. Patents By Year of Grant:	163	163
MURATA MANUFACTURING CO., LTD. Patents By Year of Grant:	161	161
DELL PRODUCTS, L.P. Patents By Year of Grant:	159	159
EXXONMOBIL CHEMICAL PATENTS INC. Patents By Year of Grant:	158	158
PIONEER CORPORATION Patents By Year of Grant:	158	158
NIKON CORPORATION Patents By Year of Grant:	157	157
ALCATEL Patents By Year of Grant:	155	155
ROHM COMPANY LIMITED Patents By Year of Grant:	155	155
NTT DOCOMO, INC. Patents By Year of Grant:	152	152
CARDIAC PACEMAKERS, INC. Patents By Year of Grant:	148	148
MEDTRONIC INC. Patents By Year of Grant:	148	148
BRISTOL-MYERS SQUIBB COMPANY Patents By Year of Grant:	147	147
LEXMARK INTERNATIONAL, INC. Patents By Year of Grant:	147	147
FUNAI ELECTRIC CO., LTD. Patents By Year of Grant:	146	146
ALPS ELECTRIC CO., LTD. Patents By Year of Grant:	145	145
SUMITOMO ELECTRIC INDUSTRIES CO., LTD. Patents By Year of Grant:	145	145
FINISAR CORPORATION Patents By Year of Grant:	144	144
L'OREAL S.A. Patents By Year of Grant:	144	144
SHARP LABORATORIES OF AMERICA, INC. Patents By Year of Grant:	144	144
SIEMENS MEDICAL SOLUTIONS USA, INC. Patents By Year of Grant:	144	144

Organizational Patenting (Granted: Jan 01, 2008 - Dec 31, 2008)  
Ranked List of Organizations with 40 or More Utility Patents Received in CY2008

<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
STMICROELECTRONICS S.A. Patents By Year of Grant:	143	143
KIMBERLY-CLARK WORLDWIDE, INC. Patents By Year of Grant:	142	142
PIONEER HI-BRED INTERNATIONAL, INC. Patents By Year of Grant:	142	142
STMICROELECTRONICS S.R.L. Patents By Year of Grant:	142	142
DEERE + COMPANY Patents By Year of Grant:	138	138
WYETH Patents By Year of Grant:	137	137
AT& T Intellectual Property I, L.P. Patents By Year of Grant:	136	136
MACRONIX INTERNATIONAL CO., LTD. Patents By Year of Grant:	136	136
HITACHI HIGH-TECHNOLOGIES CORPORATION Patents By Year of Grant:	135	135
INTERDIGITAL TECHNOLOGY CORPORATION Patents By Year of Grant:	135	135
SHELL OIL COMPANY Patents By Year of Grant:	135	135
MASSACHUSETTS INSTITUTE OF TECHNOLOGY Patents By Year of Grant:	134	134
ADC TELECOMMUNICATIONS, INC. Patents By Year of Grant:	131	131
INVENTEC CORPORATION Patents By Year of Grant:	131	131
UNITED TECHNOLOGIES CORPORATION Patents By Year of Grant:	130	130
UNITED STATES OF AMERICA, ARMY Patents By Year of Grant:	129	129
BLACK & DECKER INC. Patents By Year of Grant:	125	125
NGK INSULATORS LTD. Patents By Year of Grant:	125	125
INTERNATIONAL GAME TECHNOLOGY (IGT) Patents By Year of Grant:	124	124
RAYTHEON COMPANY Patents By Year of Grant:	123	123
ANALOG DEVICES, INC. Patents By Year of Grant:	122	122
SPRINT COMMUNICATIONS COMPANY L.P. Patents By Year of Grant:	122	122

Organizational Patenting (Granted: Jan 01, 2008 - Dec 31, 2008)  
Ranked List of Organizations with 40 or More Utility Patents Received in CY2008

<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
STANFORD UNIVERSITY Patents By Year of Grant:	120	120
UNITED MICROELECTRONICS CORPORATION Patents By Year of Grant:	120	120
EATON CORPORATION Patents By Year of Grant:	119	119
SYMBOL TECHNOLOGIES, INC. Patents By Year of Grant:	117	117
HOYA CORPORATION Patents By Year of Grant:	114	114
NORTHROP GRUMMAN CORPORATION Patents By Year of Grant:	114	114
NETWORK APPLIANCE, INC. Patents By Year of Grant:	112	112
ADVANTEST CORP. Patents By Year of Grant:	110	110
UNITED STATES OF AMERICA, HEALTH & HUMAN SERVICES Patents By Year of Grant:	109	109
KONICA MINOLTA BUSINESS TECHNOLOGIES, INC. Patents By Year of Grant:	107	107
CYPRESS SEMICONDUCTOR CORP. Patents By Year of Grant:	106	106
HYUNDAI MOTOR COMPANY Patents By Year of Grant:	104	104
UOP Patents By Year of Grant:	104	104
NITTO DENKO CORPORATION Patents By Year of Grant:	103	103
HOFFMANN-LA ROCHE INC. Patents By Year of Grant:	102	102
JAPAN SCIENCE AND TECHNOLOGY AGENCY Patents By Year of Grant:	102	102
KYOCERA MITA CORPORATION Patents By Year of Grant:	102	102
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD. Patents By Year of Grant:	101	101
ASTRAZENECA AB Patents By Year of Grant:	100	100
MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG Patents By Year of Grant:	100	100
MERCK + CO., INC. Patents By Year of Grant:	99	99
ZAHNRADFABRIK FRIEDRICHSHAFEN AG Patents By Year of Grant:	99	99

Organizational Patenting (Granted: Jan 01, 2008 - Dec 31, 2008)  
Ranked List of Organizations with 40 or More Utility Patents Received in CY2008

<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
Alcatel Lucent Patents By Year of Grant:	98	98
COMMISSARIAT A L'ENERGIE ATOMIQUE Patents By Year of Grant:	98	98
Daimler AG Patents By Year of Grant:	97	97
ELPIDA MEMORY, INC. Patents By Year of Grant:	97	97
KLA-TENCOR TECHNOLOGIES CORP. Patents By Year of Grant:	97	97
CALIFORNIA INSTITUTE OF TECHNOLOGY Patents By Year of Grant:	96	96
CORNING INCORPORATED Patents By Year of Grant:	96	96
TYCO ELECTRONICS CORPORATION Patents By Year of Grant:	96	96
AISIN SEIKI KABUSHIKI KAISHA Patents By Year of Grant:	94	94
VICTOR COMPANY OF JAPAN, LIMITED Patents By Year of Grant:	94	94
CASIO COMPUTER CO. LTD. Patents By Year of Grant:	93	93
DAI NIPPON PRINTING CO. LTD Patents By Year of Grant:	92	92
HARRIS CORP. Patents By Year of Grant:	92	92
KONICA MINOLTA HOLDINGS, INC. Patents By Year of Grant:	92	92
SHIN ETSU CHEMICAL CO., LTD. Patents By Year of Grant:	92	92
HITACHI DISPLAYS, LTD. Patents By Year of Grant:	91	91
NSK LIMITED Patents By Year of Grant:	91	91
SILICON LABORATORIES INC. Patents By Year of Grant:	91	91
DELTA ELECTRONICS INC. Patents By Year of Grant:	90	90
INTERNATIONAL RECTIFIER CORPORATION Patents By Year of Grant:	90	90
SPANSION LLC Patents By Year of Grant:	90	90
WISCONSIN ALUMNI RESEARCH FOUNDATION Patents By Year of Grant:	90	90

Organizational Patenting (Granted: Jan 01, 2008 - Dec 31, 2008)  
Ranked List of Organizations with 40 or More Utility Patents Received in CY2008

<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
UNISYS CORPORATION		
Patents By Year of Grant:	89	89
Fu Zhun Precision Industrial (Shenzhen) Co., Ltd.		
Patents By Year of Grant:	88	88
GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC		
Patents By Year of Grant:	88	88
AOL LLC		
Patents By Year of Grant:	87	87
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.		
Patents By Year of Grant:	87	87
ADOBE SYSTEMS, INC.		
Patents By Year of Grant:	86	86
ROLLS-ROYCE PLC		
Patents By Year of Grant:	86	86
Symantec Operating Corporation		
Patents By Year of Grant:	86	86
PACESETTER, INC.		
Patents By Year of Grant:	85	85
TAKATA CORPORATION		
Patents By Year of Grant:	85	85
OMRON CORPORATION		
Patents By Year of Grant:	84	84
Avago Technologies ECBU IP (Singapore) Pte. Ltd.		
Patents By Year of Grant:	81	81
CNH AMERICA LLC		
Patents By Year of Grant:	81	81
JUNIPER NETWORKS, INC.		
Patents By Year of Grant:	81	81
PITNEY-BOWES, INC.		
Patents By Year of Grant:	80	80
SUMITOMO CHEMICAL COMPANY, LIMITED		
Patents By Year of Grant:	80	80
ACUSHNET COMPANY		
Patents By Year of Grant:	79	79
FUJINON CORPORATION (FORMERLY FUJI PHOTO OPTICAL CO. LTD.)		
Patents By Year of Grant:	79	79
PPG INDUSTRIES OHIO INC.		
Patents By Year of Grant:	79	79
UNIVERSITY OF TEXAS		
Patents By Year of Grant:	79	79
ATMEL CORPORATION		
Patents By Year of Grant:	78	78
BEA SYSTEMS, INC.		
Patents By Year of Grant:	78	78

Organizational Patenting (Granted: Jan 01, 2008 - Dec 31, 2008)  
Ranked List of Organizations with 40 or More Utility Patents Received in CY2008

<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
KAO KABUSHIKI KAISHA (KAO CORPORATION) Patents By Year of Grant:	78	78
TOYODA GOSEI KABUSHIKI KAISHA Patents By Year of Grant:	78	78
WEATHERFORD/LAMB, INC. Patents By Year of Grant:	78	78
NCR CORPORATION Patents By Year of Grant:	77	77
PALO ALTO RESEARCH CENTER INCORPORATED Patents By Year of Grant:	77	77
PFIZER INC. Patents By Year of Grant:	77	77
ROCKWELL AUTOMATION TECHNOLOGIES, INC. Patents By Year of Grant:	76	76
ASAHI GLASS COMPANY, LTD. Patents By Year of Grant:	75	75
LG CHEMICAL LTD. Patents By Year of Grant:	75	75
mitsubishi heavy industries, LTD. Patents By Year of Grant:	75	75
SANDIA CORPORATION Patents By Year of Grant:	75	75
AVAYA TECHNOLOGY CORP. Patents By Year of Grant:	74	74
BRIDGESTONE CORPORATION Patents By Year of Grant:	74	74
CARL ZEISS SMT AG Patents By Year of Grant:	74	74
INSTITUT FRANCAIS DU PETROLE Patents By Year of Grant:	74	74
KYOCERA CORPORATION Patents By Year of Grant:	74	74
LAM RESEARCH CORPORATION Patents By Year of Grant:	74	74
LENOVO (SINGAPORE) PTE LTD Patents By Year of Grant:	74	74
BAYERISCHE MOTOREN WERKE AG Patents By Year of Grant:	73	73
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH Patents By Year of Grant:	73	73
MATSUSHITA ELECTRIC WORKS, LTD. Patents By Year of Grant:	73	73
SCHERING CORP. Patents By Year of Grant:	73	73

Organizational Patenting (Granted: Jan 01, 2008 - Dec 31, 2008)  
Ranked List of Organizations with 40 or More Utility Patents Received in CY2008

<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
HEADWAY TECHNOLOGIES, INC. Patents By Year of Grant:	72	72
KOITO MANUFACTURING COMPANY LIMITED Patents By Year of Grant:	72	72
SHIMANO INC. Patents By Year of Grant:	72	72
THALES Patents By Year of Grant:	72	72
ALLERGAN, INC. Patents By Year of Grant:	71	71
AIR PRODUCTS AND CHEMICALS, INC. Patents By Year of Grant:	70	70
CHUNGHWA PICTURE TUBES, LTD. Patents By Year of Grant:	70	70
FANUC LTD. Patents By Year of Grant:	70	70
MICHELIN RECHERCHE ET TECHNIQUE S.A. Patents By Year of Grant:	70	70
SONY ERICSSON MOBILE COMMUNICATIONS AB Patents By Year of Grant:	70	70
ADVANCED CARDIOVASCULAR SYSTEMS, INC. Patents By Year of Grant:	69	69
AT& T Mobility II LLC Patents By Year of Grant:	69	69
CADENCE DESIGN SYSTEMS, INC. Patents By Year of Grant:	69	69
CIBA SPECIALTY CHEMICALS CORPORATION Patents By Year of Grant:	69	69
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Patents By Year of Grant:	69	69
RAMBUS, INC. Patents By Year of Grant:	69	69
SPRINT SPECTRUM L.P. Patents By Year of Grant:	69	69
KONICA MINOLTA OPTO, INC Patents By Year of Grant:	68	68
SEIKO INSTRUMENTS INC. Patents By Year of Grant:	68	68
ABBOTT LABORATORIES Patents By Year of Grant:	67	67
DAINIPPON SCREEN MFG. CO., LTD. Patents By Year of Grant:	67	67
GOODYEAR TIRE + RUBBER COMPANY Patents By Year of Grant:	67	67

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<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
YAHOO, INC. Patents By Year of Grant:	67	67
ARM LIMITED Patents By Year of Grant:	66	66
CREE, INC. Patents By Year of Grant:	66	66
JOHNS HOPKINS UNIVERSITY Patents By Year of Grant:	66	66
OKIDATA CORPORATION Patents By Year of Grant:	66	66
SMITHKLINE BEECHAM CORPORATION Patents By Year of Grant:	66	66
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION Patents By Year of Grant:	66	66
UNIVERSITY OF MICHIGAN Patents By Year of Grant:	66	66
ALSTOM TECHNOLOGY LTD Patents By Year of Grant:	65	65
ETHICON ENDO-SURGERY, INC. Patents By Year of Grant:	65	65
HRL LABORATORIES, LLC Patents By Year of Grant:	65	65
JANSSEN PHARMACEUTICA N.V. Patents By Year of Grant:	65	65
LEAR CORPORATION Patents By Year of Grant:	65	65
AJINOMOTO COMPANY INCORPORATED Patents By Year of Grant:	64	64
AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC. Patents By Year of Grant:	64	64
CHENG UEI PRECISION INDUSTRY CO., LTD. Patents By Year of Grant:	64	64
REALTEK SEMICONDUCTOR CORPORATION Patents By Year of Grant:	64	64
SIEMENS POWER GENERATION, INC. Patents By Year of Grant:	64	64
STMICROELECTRONICS, INC. Patents By Year of Grant:	64	64
SYMANTEC CORPORATION Patents By Year of Grant:	64	64
APPLERA CORPORATION Patents By Year of Grant:	63	63
CALLAWAY GOLF COMPANY Patents By Year of Grant:	63	63

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<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
ELI LILLY AND COMPANY Patents By Year of Grant:	63	63
FCI AMERICAS TECHNOLOGY, INC. Patents By Year of Grant:	63	63
ROCKWELL COLLINS, INC. Patents By Year of Grant:	63	63
SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "S.N.E.C.M.A." Patents By Year of Grant:	63	63
SUMITOMO WIRING SYSTEMS, LTD. Patents By Year of Grant:	63	63
SMITH INTERNATIONAL INC. Patents By Year of Grant:	62	62
WHIRLPOOL CORPORATION Patents By Year of Grant:	62	62
NOVARTIS AG (FORMERLY SANDOZ LTD.) Patents By Year of Grant:	61	61
ADVANCED SEMICONDUCTOR ENGINEERING, INC. Patents By Year of Grant:	60	60
Avago Technologies General IP (Singapore) Pte. Ltd. Patents By Year of Grant:	60	60
JTEKT Corporation Patents By Year of Grant:	60	60
SUMITOMO RUBBER INDUSTRIES, LTD. Patents By Year of Grant:	60	60
SYNOPSYS INC. Patents By Year of Grant:	60	60
Chrysler LLC Patents By Year of Grant:	59	59
EASTMAN CHEMICAL COMPANY Patents By Year of Grant:	59	59
AMGEN, INC. Patents By Year of Grant:	58	58
DIGIMARC CORPORATION Patents By Year of Grant:	58	58
GOOGLE, INC. Patents By Year of Grant:	58	58
AIRBUS FRANCE Patents By Year of Grant:	57	57
BECTON, DICKINSON AND COMPANY Patents By Year of Grant:	57	57
KONICA MINOLTA MEDICAL & GRAPHIC, INC. Patents By Year of Grant:	57	57
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY Patents By Year of Grant:	56	56

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<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
NIPPON TELEGRAPH & TELEPHONE CORP. Patents By Year of Grant:	56	56
QISDA Corporation Patents By Year of Grant:	56	56
YAMAHA MARINE KABUSHIKI KAISHA Patents By Year of Grant:	56	56
DAIKIN INDUSTRIES LIMITED Patents By Year of Grant:	55	55
DSM IP ASSETS B.V. Patents By Year of Grant:	55	55
EBARA CORPORATION Patents By Year of Grant:	55	55
HEIDELBERGER DRUCKMASCHINEN AG Patents By Year of Grant:	55	55
MAXTOR CORPORATION Patents By Year of Grant:	55	55
MITUTOYO CORPORATION Patents By Year of Grant:	55	55
SHOWA DENKO KABUSHIKI KAISHA Patents By Year of Grant:	55	55
THE DIRECTV GROUP, INC. Patents By Year of Grant:	55	55
COLUMBIA UNIVERSITY Patents By Year of Grant:	54	54
HAMAMATSU PHOTONICS KABUSHIKI KAISHA Patents By Year of Grant:	54	54
INVENTIO AG Patents By Year of Grant:	54	54
OSRAM OPTO SEMICONDUCTORS GMBH Patents By Year of Grant:	54	54
SHINKO ELECTRIC INDUSTRIES CO., LTD. Patents By Year of Grant:	54	54
WESTERN DIGITAL TECHNOLOGIES, INC. Patents By Year of Grant:	54	54
ITT MANUFACTURING ENTERPRISES, INC. Patents By Year of Grant:	53	53
KANEKA CORPORATION Patents By Year of Grant:	53	53
MINOLTA CAMERA CO., LTD. Patents By Year of Grant:	53	53
MOLEX INCORPORATED Patents By Year of Grant:	53	53
SIEMENS ENERGY & AUTOMATION, INC. Patents By Year of Grant:	53	53

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<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Patents By Year of Grant:	52	52
KAWASAKI JUKOGYO KABUSHIKI KAISHA Patents By Year of Grant:	52	52
LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG Patents By Year of Grant:	52	52
MITSUMI ELECTRIC CO., LTD. Patents By Year of Grant:	52	52
NGK SPARK PLUG CO., LTD. Patents By Year of Grant:	52	52
TOSHIBA TEC KABUSHIKI KAISHA Patents By Year of Grant:	52	52
Warsaw Orthopedic, Inc. Patents By Year of Grant:	52	52
ACTEL CORPORATION Patents By Year of Grant:	51	51
INNOLUX DISPLAY CORP. Patents By Year of Grant:	51	51
SANOFI-AVENTIS Patents By Year of Grant:	51	51
Sanofi-Aventis Deutschland GmbH Patents By Year of Grant:	51	51
ASUSTEK COMPUTER INC. Patents By Year of Grant:	50	50
CORNELL RESEARCH FOUNDATION INC. Patents By Year of Grant:	50	50
GENERAL HOSPITAL CORPORATION Patents By Year of Grant:	50	50
HITACHI KOKI COMPANY, LIMITED Patents By Year of Grant:	50	50
HUSKY INJECTION MOLDING SYSTEMS LIMITED Patents By Year of Grant:	50	50
SONY COMPUTER ENTERTAINMENT INC. Patents By Year of Grant:	50	50
SYNGENTA PARTICIPATIONS AG Patents By Year of Grant:	50	50
HITACHI CABLE, LTD. Patents By Year of Grant:	49	49
IBIDEN CO., LTD. Patents By Year of Grant:	49	49
PORSCHE AG Patents By Year of Grant:	49	49
BRIDGESTONE SPORTS CO., LTD. Patents By Year of Grant:	48	48

Organizational Patenting (Granted: Jan 01, 2008 - Dec 31, 2008)  
Ranked List of Organizations with 40 or More Utility Patents Received in CY2008

<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
DAIMLER-CHRYSLER AKTIENGESELLSCHAFT Patents By Year of Grant:	48	48
DEGUSSA AKTIENGESELLSCHAFT Patents By Year of Grant:	48	48
FIRST DATA CORPORATION Patents By Year of Grant:	48	48
GENERAL INSTRUMENT CORPORATION Patents By Year of Grant:	48	48
HUAWEI TECHNOLOGIES CO., LTD. Patents By Year of Grant:	48	48
KANZAKI KOKYUKOKI MFG. CO. LTD. Patents By Year of Grant:	48	48
MEGICA CORPORATION Patents By Year of Grant:	48	48
METSO PAPER, INC. Patents By Year of Grant:	48	48
NOVELLUS SYSTEMS, INC. Patents By Year of Grant:	48	48
PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH Patents By Year of Grant:	48	48
ASML HOLDING N.V. Patents By Year of Grant:	47	47
Continental Automotive Systems US, Inc. Patents By Year of Grant:	47	47
DIEBOLD SELF SERVICE SYSTEMS, A DIVISION OF DIEBOLD, INCORPORATED Patents By Year of Grant:	47	47
DONNELLY CORPORATION Patents By Year of Grant:	47	47
DOW GLOBAL TECHNOLOGIES INC. Patents By Year of Grant:	47	47
GLAXO GROUP LIMITED Patents By Year of Grant:	47	47
JP MORGAN CHASE BANK, N.A. Patents By Year of Grant:	47	47
MAZDA MOTOR CORPORATION Patents By Year of Grant:	47	47
TEKTRONIX INC. Patents By Year of Grant:	47	47
UNIVERSITY OF ILLINOIS Patents By Year of Grant:	47	47
AT& T Knowledge Ventures, L.P. Patents By Year of Grant:	46	46
HILTI AKTIENGESELLSCHAFT Patents By Year of Grant:	46	46

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<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
MICHIGAN STATE UNIVERSITY Patents By Year of Grant:	46	46
OSRAM SYLVANIA INC. Patents By Year of Grant:	46	46
ROHM AND HAAS COMPANY Patents By Year of Grant:	46	46
SRI SPORTS LIMITED Patents By Year of Grant:	46	46
WESTERNGECO, LLC Patents By Year of Grant:	46	46
Avago Technologies Fiber IP(Singapore) Pte. Ltd. Patents By Year of Grant:	45	45
BRITISH TELECOMMUNICATION, PLC Patents By Year of Grant:	45	45
C.R.F. SOCIETA CONSORTILE PER AZIONI Patents By Year of Grant:	45	45
CHEVRON U.S.A. INC. Patents By Year of Grant:	45	45
HAMILTON SUNDSTRAND CORPORATION Patents By Year of Grant:	45	45
NIDEK CO., LTD. Patents By Year of Grant:	45	45
NIKE, INC. Patents By Year of Grant:	45	45
TYCO HEALTHCARE GROUP LP Patents By Year of Grant:	45	45
UNIVERSITY OF PENNSYLVANIA Patents By Year of Grant:	45	45
VERTEX PHARMACEUTICALS, INC. Patents By Year of Grant:	45	45
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS Patents By Year of Grant:	44	44
Carestream Health, Inc. Patents By Year of Grant:	44	44
FRANCE TELECOM Patents By Year of Grant:	44	44
JSR CORPORATION Patents By Year of Grant:	44	44
NATIONAL INSTRUMENTS CORPORATION Patents By Year of Grant:	44	44
NIPPON SHOKUBAI CO., LTD. Patents By Year of Grant:	44	44
POWERCHIP SEMICONDUCTOR CORP. Patents By Year of Grant:	44	44

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<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
PRATT & WHITNEY CANADA CORP. Patents By Year of Grant:	44	44
SAE MAGNETICS (H.K.) LTD. Patents By Year of Grant:	44	44
SHIMADZU CORPORATION Patents By Year of Grant:	44	44
SUNPLUS TECHNOLOGY CO., LTD. Patents By Year of Grant:	44	44
TEVA PHARMACEUTICAL INDUSTRIES, LTD. Patents By Year of Grant:	44	44
HARVARD COLLEGE, PRESIDENT AND FELLOWS Patents By Year of Grant:	43	43
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN (HENKEL KGAA) Patents By Year of Grant:	43	43
HIMAX TECHNOLOGIES, INC. Patents By Year of Grant:	43	43
IDC, LLC Patents By Year of Grant:	43	43
Lawrence Livermore National Security, LLC Patents By Year of Grant:	43	43
PENTAX CORPORATION Patents By Year of Grant:	43	43
QINETIQ LIMITED Patents By Year of Grant:	43	43
SANDVIK INTELLECTUAL PROPERTY AB Patents By Year of Grant:	43	43
SCHOTT AG Patents By Year of Grant:	43	43
UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED Patents By Year of Grant:	43	43
ADVICS CO., LTD. Patents By Year of Grant:	42	42
AISIN AW CO., LTD. Patents By Year of Grant:	42	42
ASIA OPTICAL CO., INC. Patents By Year of Grant:	42	42
AUTOLIV ASP, INC. Patents By Year of Grant:	42	42
BOEHRINGER INGELHEIM INTERNATIONAL GMBH Patents By Year of Grant:	42	42
CIRRUS LOGIC, INC. Patents By Year of Grant:	42	42
EMERSON ELECTRIC CO. Patents By Year of Grant:	42	42

Organizational Patenting (Granted: Jan 01, 2008 - Dec 31, 2008)  
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<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
FAIRCHILD SEMICONDUCTOR CORPORATION Patents By Year of Grant:	42	42
FORD MOTOR COMPANY Patents By Year of Grant:	42	42
FUJIKURA LTD. Patents By Year of Grant:	42	42
GENENCOR INTERNATIONAL, INC. Patents By Year of Grant:	42	42
GEORGIA TECH RESEARCH CORP. Patents By Year of Grant:	42	42
KABUSHIKI KAISHA TOPCON Patents By Year of Grant:	42	42
KOENIG + BAUER AKTIENGESELLSCHAFT Patents By Year of Grant:	42	42
SCRIPPS RESEARCH INSTITUTE Patents By Year of Grant:	42	42
UNI-CHARM CORPORATION Patents By Year of Grant:	42	42
UNIVERSITY OF WASHINGTON Patents By Year of Grant:	42	42
BEN Q CORPORATION Patents By Year of Grant:	41	41
BOSCH SIEMENS HAUSGERATE GMBH Patents By Year of Grant:	41	41
CLARIANT PRODUKTE (DEUTSCHLAND) GMBH Patents By Year of Grant:	41	41
DISCO CORPORATION Patents By Year of Grant:	41	41
FUJITSU TEN LIMITED Patents By Year of Grant:	41	41
HILL-ROM SERVICES, INC. Patents By Year of Grant:	41	41
HUMAN GENOME SCIENCES, INC. Patents By Year of Grant:	41	41
LATTICE SEMICONDUCTOR CORPORATION Patents By Year of Grant:	41	41
NTN CORPORATION Patents By Year of Grant:	41	41
O2 MICRO INTERNATIONAL LTD. Patents By Year of Grant:	41	41
PANDUIT CORPORATION Patents By Year of Grant:	41	41
SAMSUNG TECHWIN CO., LTD. Patents By Year of Grant:	41	41

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<u>ORGANIZATION</u>	<u>2008</u>	<u>TOTAL</u>
SCHAEFFLER KG		
Patents By Year of Grant:	41	41
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION		
Patents By Year of Grant:	41	41
VISTEON GLOBAL TECHNOLOGIES, INC.		
Patents By Year of Grant:	41	41
BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION, INC.		
Patents By Year of Grant:	40	40
CORNING CABLE SYSTEMS LLC		
Patents By Year of Grant:	40	40
INTERSIL AMERICAS INC.		
Patents By Year of Grant:	40	40
MINEBEA KABUSHIKI-KAISHA (MINEBEA CO., LTD)		
Patents By Year of Grant:	40	40
mitsubishi chemical corporation		
Patents By Year of Grant:	40	40
QIMONDA AG		
Patents By Year of Grant:	40	40
QLOGIC CORPORATION		
Patents By Year of Grant:	40	40
S. C. JOHNSON + SON, INC.		
Patents By Year of Grant:	40	40
TOSHIBA MATSUSHITA DISPLAY TECHNOLOGY CO., LTD.		
Patents By Year of Grant:	40	40
UNIVERSITY OF CENTRAL FLORIDA		
Patents By Year of Grant:	40	40
Other Organizations (23255)		
Patents By Year of Grant:	61095	61095